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(54) **Ion binding polymers and uses thereof**

(57) The present invention provides methods and compositions for the treatment of ion imbalances. In particular, the invention provides compositions comprising potassium binding polymers and pharmaceutical compositions thereof. Methods of use of the polymeric and pharmaceutical compositions for therapeutic and/or pro-

phylactic benefits are disclosed herein. Examples of these methods include the treatment of hyperkalemia, such as hyperkalemia caused by renal failure and/or the use of hyperkalemia causing drugs.

EP 2 269 589 A3



EUROPEAN SEARCH REPORT

Application Number
EP 10 18 6212

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	KIM HO-JUNG ET AL: "THERAPEUTIC APPROACH TO HYPERKALEMIA", NEPHRON, S. KARGER AG, SWITZERLAND, vol. 92, no. SUPPL. 1, 1 October 2002 (2002-10-01), pages 33-40, XP009077430, ISSN: 0028-2766, DOI: 10.1159/000065375 * page 36, right-hand column, paragraph 2 * -----	1-16	INV. A61K9/16 A61K9/50 A61K9/32 A61K47/32 A61P3/12 A61K31/74 A61K33/00 A61K45/06
			TECHNICAL FIELDS SEARCHED (IPC) A61K
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 August 2011	Examiner Marttin, Emmeline
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

2

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